

Patent Abstracts of Japan

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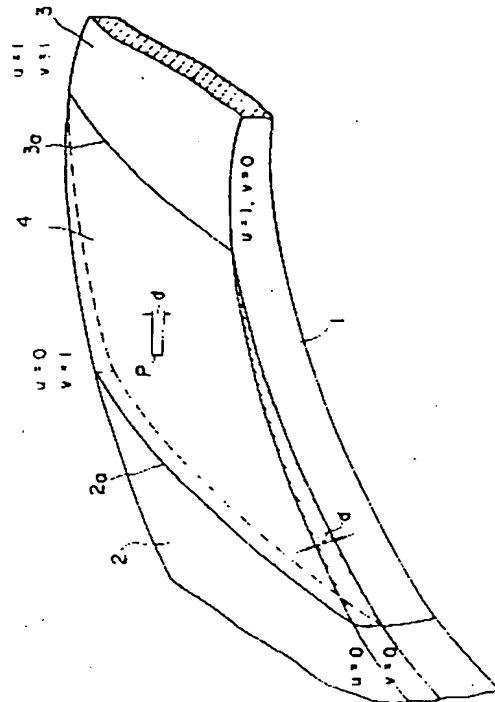
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TITLE : MACHINING METHOD OF PART  
HAVING THREE DIMENSIONAL  
CURVED SURFACE



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ABSTRACT : PURPOSE: To enable smooth connection of a machining area with non machining area by only a machining process by a method wherein machining of the machining area and a border area can be made continuous through numerical and profiling controls.

CONSTITUTION: A border area 4 is positioned between a machining area 2 and a non machining area 3 of a part 1 having a three dimensional curved surface. Then a machining margin of a machining area edge 2a is made largest, the machining margin of a non machining area edge 3a is made zero, and the machining margin d of the area 4 connecting the foregoing two continuously and smoothly with each other can be fixed. When machining is carried out by a method wherein a numerical control tape which machines a border area curved surface having a varying machining margin in said manner and an area curved surface having a fixed machining margin area made, or a profiled model is made, the area 2 and 4 can be machined continuously and the areas 2 and 3 can be connected with each other smoothly.

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